

37. (New) The computer program as recited in claim 32, wherein the programmable operations are performed using a data structure comprising:
- (a) a source location identifier indicating a source location of the graphics data to be processed, wherein the source location includes a plurality of components;
 - (b) a source component identifier indicating in which of the plurality of components of the source location the graphics data resides, wherein the graphics data is retrieved based on the source location identifier and the source component identifier for performing an operation on the retrieved graphics data in order to generate the output;
 - (c) a destination location identifier indicating a destination location of the output, wherein the destination location includes a plurality of components; and
 - (d) a destination component identifier indicating in which of the plurality of components of the destination location the output is to be stored, wherein the output is stored based on the destination location identifier and the destination component identifier.
38. (New) The computer program as recited in claim 32, wherein the instructions from the predetermined instruction set are selected from the group consisting of a no operation, address register load, move, multiply, addition, multiply and addition, reciprocal, reciprocal square root, three component dot product, four component dot product, distance vector, minimum, maximum, set on less than, set on greater or equal than, exponential base two (2), logarithm base two (2), and/or light coefficients.

REMARKS

In the event a telephone conversation would expedite the prosecution of this application, the Examiner may reach the undersigned at (408) 505-5100. If any fees are due in connection with the filing of this paper, then the Commissioner is authorized to charge such fees to

Deposit Account No. 50-1351 (Order No. NVIDP021). A duplicate copy of the transmittal is enclosed for this purpose.

Respectfully submitted,



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